From: GCN Insider: Emerging Tech
To: lmartin@bakersfieldpd.us
Subject: Can quantum communications fend off 5G snooping? | Deep-space atomic clock | Drone integration
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GCN Insider: Emerging Tech

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How quantum communications can support US in fending off Chinese 5G snooping

With new 5G networking equipment on the horizon, quantum-encrypted communications would ensure virtually unhackable transmissions, no matter what vulnerabilities exist in devices.

FAA makes headway in drone integration

The Federal Aviation Administration has approved key commercial unmanned aircraft projects and expanded drone research and integration programs.

NASA to test deep space atomic clock

The space agency will be conducting a year-long test of its toaster-sized deep space atomic clock, designed to make sure spacecraft can navigate accurately and autonomously on journeys to Mars and beyond.

Auto-dispatched drones send video to responders en route

A drone platform allows dispatchers to automatically send a unit to emergency locations to give responding rescue teams real-time situational awareness as they approach an emergency site.

DOE maps out quantum research centers

The Department of Energy wants to set up two or more research centers to accelerate development of quantum-based technologies.

In-Q-Tel taps AI firm for harnessing unstructured data

Forge.AI uses artificial intelligence and natural language processing to turn unstructured information into machine-readable data so it can be ingested by analytical systems in real time.

Can data-rich war games improve decisions?

The cloud-based, multiplayer game analyzes decision-making behaviors from choices made in thousands of games along with basic demographic information about participants.

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